PROJECT OVERSIGHT REPORT

Automated Fingerprint Identification System	**Report as of Date:**
Department of Information Services on behalf of	**May 2002**
Washington State Patrol	

Project Director: Ken Boling   **Executive Sponsor:** Becci Riley
MOSTD Staff: Lourdes Collins

Description: The new Automated Fingerprint Identification System (AFIS21) replaced and improved the Washington State Patrol's (WSP) Automated Fingerprint System (AFIS). AFIS21 is an online computer system designed to match and verify incoming arrests and crime scene fingerprints against historical prints stored in database files.

The system architecture is an integrated, high performance, transaction-processing system based on the latest version of NEC Technologies' (NEC) AFIS21 platform and includes:
- Year 2000 compliance
- Increased AFIS data storage capacity
- Fingerprint processing in a real-time environment
- Automation of manual functions
- Electronic record archiving system

Technology: The AFIS21 system consists of an NEC proprietary application and a commercial off-the-shelf infrastructure. The infrastructure elements include: NT operating system, Oracle databases, and advanced Redundant Array of Independent Disks (RAID) storage systems.

Budget: The total budget for Phases I through V is $7,603,460 over five years.
Direct expenditures as of May 2002 total $4,382,179.

Schedule: There are five phases of the AFIS project. Each phase provided measurable benefits. The phases and ending dates are:

		Schedule	Status
Phase I	Card scan-based ten print submission	10/1/99	Complete
Phase II	Addition of remote site workstations	12/6/99	Complete
Phase III	Installation of stand-alone LiveScan	7/29/00	Complete
Phase IV	Electronic submission of LiveScan records	6/30/01	Complete
Phase V	Criminal history interface	6/30/01	Complete

Status: Phase I: This phase is complete and the system is in production. DIS withheld 25 percent of the invoice for Phase I after conditionally accepting the system in October 1999 pending resolution of problems with response times and functionality. After further acceptance testing, Phase I was completed in January 2001.

Phase II: This phase was completed on schedule.

Phase III: This phase was completed on schedule.

Phase IV: The LiveScan to AFIS interface was completed in September 2001 in four initial counties: Kittitas, Grant, Clallam, and Whitman. Fingerprints and related criminal history information are being submitted electronically; however, some issues were identified with the system's messaging capability. NEC provided a fix for the problem. The fix was tested and successfully reinstalled at the four sites on April 9, 2002. Installation of LiveScan for the other counties is being conducted as a separate project and is targeted for completion September 2002. This phase is now closed.

Phase V: The AFIS interface to criminal history went into production on September 10, 2001. The criminal history interface is complete; however, there were several issues to be resolved with AFIS, such as certain transactions stopping during processing and slow processing time. Fixes were installed and tested. This phase is now closed.

Recommendation: The system is in production. DIS recommends that ISB oversight of this project be terminated.